# TEAM 4

### SR UNIVERSITY

Problem solving with programming.

**Guide: Dr.P.Praveen.** 

B.Tech 1<sup>st</sup> year 2<sup>nd</sup> semester.

Project title: Bike sales system.

Team no.5 (section H1).

**Team members:** 

V.Nataraj-2103A54041

L.Abhijith-2103A53007

G.Sai privijith-2103A54018

S.praneeth-2103A54036

#### INDEX:

1.	Collected data	4-5
2.	Program	5-17
3.	Output cases	18-22

# Project submitted on : project remarks :

Faculty signature:

# BIKE BILLING Data collection:

#### Bikes Details:

S.NO	Bike name	Ex-show room price	Road tax	Insurance	Extra fitting	Others	Helmet
1.	Royal enfield	250000	0.5*ex	20000	21000	21200	2000
2.	Avenger	200000	0.15*ex	10000	15000	18200	2000
3.	R15	300000	0.15*ex	20000	21000	18200	4000
4.	МТ	150000	0.15*ex	7000	5000	4200	1100
5.	Glamour	110000	0.15*ex	5000	5000	8200	1200

6.	Pulser 220	180000	0.15*ex	9000	12000	11200	2000
7.	Duke	250000	0.15*ex	10000	13000	18200	3000
8.	Fz	220000	0.25*ex	11000	15000	15200	2700
9.	Karishma	90000	0.15*ex	3000	6150	7200	1100
10.	Xtreme	100000	0.35*x	7000	11050	9200	3150

# Program:

```
#include<stdio.h>
#include<string.h>
struct regi
                  char rno[10],add[20],mob[10],dop[10],veh[10];
};
main()
{
                  int ch;
                  printf("1.Bike sales\n");
                  int n,ex,rt,in,ef,oth,sc,hel;
                  float gt,dp,dis,tot;
                  char name[20],mob[10];
                  printf("Enter name and mobile number:\n");
                  scanf("%s%s",&name,&mob);
                  printf("1.Royal\ enfield\n2.Avenger\n3.R15\n4.MT\n5.Glamour\n6.pulser220\n7.Duke\n8.Fz\n9.Karishma\n10.Xtreme\n");
                  scanf("%d",&n);
                  if(n==1)
```

•	Printf("Royal enfield\nEnter discount percentage:\n");
•	scanf("%f",&dis);
•	ex=250000;
•	rt=0.50*e <i>x</i> ;
•	in=20000;
•	ef=21000;
•	oth=21200;
•	sc=3150;
•	hel=2000;
•	tot=ex+rt+in+ef+oth+sc+hel;
•	dp=dis/100*tot;
•	gt=tot-dp;
•	printf("\n\tGanapathi motors\n\tMob.no.7569032209\n");
•	printf("\n");
•	<pre>printf("Customer Name:%s\n mobile number:%s\n",name,mob);</pre>
•	printf("\n");
•	<pre>printf("Particular\t\t cost\n");</pre>
•	printf("\n");
•	$printf(\text{"EX-shoeroomprice}\t\t\d\nRoad\tax\t\t\t\d\nInsurance\t\t\t\d\nExtra-fitting\t\t\t\d\nDiscount percent\t\t\d\n\c,c,hel,tot,dis)}; fitting\t\t\t\d\nDiscount percent\t\t\t\d\n\c,ex,rt,in,ef,oth,sc,hel,tot,dis); fitting\t\t\t\d\n\c,ex,rt,in,ef,oth,sc,hel,tot,dis); fitting\t\t\t\d\n\c,ex,rt,in,ef,oth,sc,hel,tot,dis); fitting\t\t\t\d\d\n\c,ex,rt,in,ef,oth,sc,hel,tot,dis); fitting\t\t\t\d\d\n\c,ex,rt,in,ef,oth,sc,hel,tot,dis); fitting\t\t\t\d\d\d\d\d\d\d\d\d\d\d\d\d\d\d\d\$
•	<pre>printf("Grand total for Royal enfield\t%f\n",gt);</pre>

```
}
                if(n==2)
                {
                                      printf("Avenger\nEnter discount percentage:\n");
                                      scanf("%f",&dis);
                                      ex=200000;
                                      rt=0.15*ex;
                                      in=10000;
                                      ef=15000;
                                      oth=18200;
                                      sc=1250;
                                      hel=2000;
                                      tot=ex+rt+in+ef+oth+sc+hel;
                                      dp=dis/100*tot;
                                      gt=tot-dp;
                                                     _____\n\tG anapathi motors\n\tMob.no.7569032209\n");
                                                   _____\n");
                                      printf("Customer Name:%s\n mobile number:%s\n",name,mob);
                                      printf("_____\n");
                                      printf("Particular\t \t cost\n");
```

```
Printf("___
printf("Grand total for Avenger\t%f\n",gt);
        }
        if(n==3)
        {
                     printf("R15\nEnter discount percentage:\n");
                     scanf("%f",&dis);
                     ex=300000;
                     rt=0.15*ex;
                     in=20000;
                     ef=21000;
                     oth=18200;
                     sc=3250;
                     hel=4000;
                     tot=ex+rt+in+ef+oth+sc+hel;
                     dp=dis/100*tot;
                     gt=tot-dp;
                     printf("\_\_\__n\tGanapathi\ motors\n\tMob.no.7569032209\n");
```

•	Printf("\n");		
•		printf("Customer Name:%s\n	mobile number:%s\n",name,mob);
•		printf("	_\n");
•		printf("Particular\t \t cost\n"	);
•		printf("	\n");
•	fitting\t\t\t%d\nOthers\t\t\t%d\nServicecha	printf("EX-shoeroom price\t\t rge\t\t\t%d\nHeImet\t\t\t\t%	%d\nRoad tax\t\t\t%d\nInsurance\t\t\t%d\nExtra- d\n Tota\t\t\t\t%f\nDiscountpercent\t\t%f\n",ex,rt,in,ef,oth,sc,hel,tot,dis);
•		printf("Grand total for R15\t9	6f\n",gt);
•	}		
•	if(n==4)		
•	{		
•		printf("MT\nEnter discount p	ercentage:\n");
•		scanf("%f",&dis);	
•		ex=150000;	
•		rt=0.15*ex;	
•		in=7000;	
•		ef=5000;	
•		oth=4200;	
•		sc=1250;	
		hel=1100;	
•		tot=ex+rt+in+ef+oth+sc+hel;	

•	Dp=dis/100*tot;	
•		gt=tot-dp;
•		printf("\n\tGanapathi motors\n\tMob.no.7569032209\n");
•		printf("\n");
•		printf("Customer Name%s\n mobile number:%s\n",name,mob);
•		printf("\n");
•		printf("Particular\t \t cost\n");
•		printf("\n");
•	$fitting \t \t \t \d \n Others \t \t \t \d \n Servic echal \end{2}$	printf("EX-shoeroom price\t\t%d\nRoad_tax\t\t\t%d\nInsurance\t\t\t\%d\nExtra- rge\t\t\t%d\nHelmet\t\t\t\t\%d\nTota\\t\t\t\%f\nDiscountpercent\t\t\f\n",ex,rt,in,ef,oth,sc,hel,tot,dis);
•		printf("Grand total for MT\t%f\n",gt);
•	}	
•	if(n==5)	
•	{	
•		printf("Glamour\nEnter discount percentage:\n");
•		scanf("%f",&dis);
•		ex=110000;
•		rt=0.15*ex;
•		in=5000;
		ef=5000;
		oth=8200;

•	Sc=1250;	
•		hel=12000;
•		tot=ex+rt+in+ef+oth+sc+hel;
•		dp=dis/100*tot;
•		gt=tot-dp;
•		printf("\n\tGanapathi motors\n\tMob.no.7569032209\n");
•		printf("\n");
•		printf("Customer Name%s\n mobile number:%s\n",name,mob);
•		printf("\n");
•		printf("Particular\t \t cost\n");
•		printf("\n");
•	fitting\t\t\t%d\nOthers\t\t\t%d\nServicecha	printf("EX-shoeroom price\t\t\d\nRoad tax\t\t\t\d\nInsurance\t\t\t\d\nExtra- rge\t\t\t\d\nHelmet\t\t\t\t\d\nTota\t\t\t\t\d\nDiscountpercent\t\t\f\n",ex,rt,in,ef,oth,sc,hel,tot,dis);
•		$printf("Grand\ total\ for\ Glamour\t^{*}f\n^{"},gt);$
•	}	
•	if(n==6)	
•	{	
•		printf("Pulser220\nEnter discount percentage\n");
		scanf("%f",&dis);
•		ex=180000;
•		rt=0.15*ex;

•	In=9000;	
•		ef=12000;
•		oth=11200;
•		sc=1250;
•		hel=2000;
•		tot=ex+rt+in+ef+oth+sc+hel;
•		dp=dis/100*tot;
•		gt=tot-dp;
•		printf("\n\tGanapathi motors\n\tMob.no.7569032209\n");
•		printf("\\n");
•		printf("Customer Name%s\n mobile number%s\n",name,mob);
•		printf("\\n");
•		<pre>printf("Particular\t \t cost\n");</pre>
•		printf("\\n");
•	fitting\t\t\t%d\nOthers\t\t\t%d\nServicecha	printf("EX-shoeroom price\t\t\t\d\nRoad tax\t\t\t\d\d\nInsurance\t\t\t\d\nExtra- arge\t\t\t\d\nHelmet\t\t\t\t\d\d\nTotal\t\t\t\t\d\floor\floor\floor\floor\d\d\d\d\d\d\d\d\d\d\d\d\d\d\d\d\d\d\
•		printf("Grand total for Pulser220\t%f\n",gt);
•	}	
•	if(n==7)	
•	{	
•		printf("Duke\nEnter discount percentage:\n");

•	Scanf("%f",&dis);	
•		ex=250000;
•		rt=0.15*ex;
•		in=10000;
•		ef=13000;
•		oth=18200;
•		sc=1250;
•		hel=3000;
•		tot=ex+rt+in+ef+oth+sc+hel;
•		dp=dis/100*tot;
•		gt=tot-dp;
•		printf("
•		printf("\n");
•		printf("Customer Name:%s\n mobile number:%s\n",name,mob);
•		printf("\n");
•		printf("Particular\t \t cost\n");
•		printf("\n");
•	fitting\t\t\t%d\nOthers\t\t\t%d\nServicech	printf("EX-shoeroom price\t\t%d\nRoad tax\t\t\t%d\nInsurance\t\t\t\t%d\nExtra- arge\t\t\t\t%d\nHelmet\t\t\t\t\t\d\nTota\t\t\t\t\f\t\t%f\nDiscountpercent\t\t\f\n'\pr.,ex,rt,in,ef,oth,sc,hel,tot,dis);
•		printf("Grand total for Duke\t%f\n",gt);
•	}	

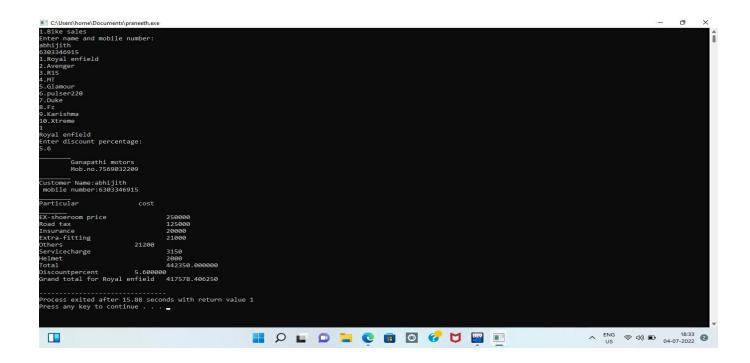
•	If(n==8)		
•		{	
•			<pre>printf("Fz\nEnter discount percentage:\n");</pre>
•			scanf("%f",&dis);
•			ex=220000;
•			rt=0.25*ex;
•			in=11000;
•			ef=15000;
•			oth=15200;
•			sc=1850;
•			hel=2700;
•			tot=ex+rt+in+ef+oth+sc+h el;
•			dp=dis/100*tot;
•			gt=tot-dp;
•			printf("\n\tGanapathi motors\n\tMob.no.7569032209\n");
•			printf("\n");
•			printf("Customer Name:%s\n" mobile number:%s\n",name,mob);
•			printf("\n");
•			printf("Particular\t \t cost\n");
			printf(" \n");

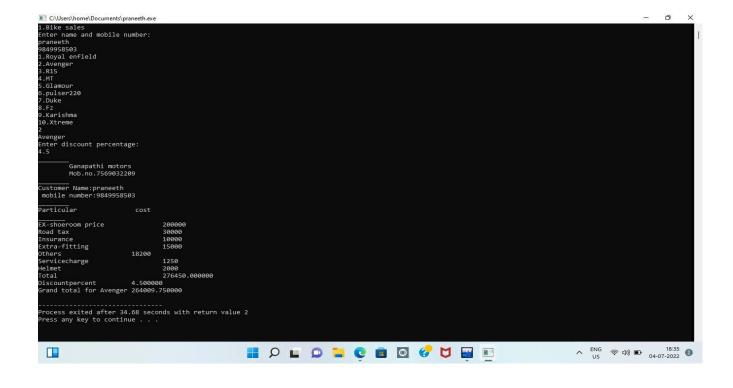
Printf("EX-shoeroom price\t\t%d\nRoad ta fitting\t\t\t%d\nOthers\t\t\t%d\nServicech	x\t\t\t%d\nInsurance\t\t\t%d\nExtra- arge\t\t\t%d\nHelmet\t\t\t\t%d\nTota\ft\t\t\f\nDiscountpercent\t\t%f\n",ex,rt,in,ef,oth,sc,hel,tot,dis);
	printf("Grand total for Fz\t%f\n",gt);
}	
if(n==9)	
{	
	printf("Karishma\nEnter discount percentage:\n");
	scanf("%f",&dis);
	ex=90000;
	rt=0.15*ex;
	in=3000;
	ef=6150;
	oth=7200;
	sc=1750;
	hel=1100;
	tot=ex+rt+in+ef+oth+sc+hel;
	dp=dis/100*tot;
	gt=tot-dp;
	printf("\n\tGanapathi motors\n\tMob.no.7569032209\n");
	printf("\n");
	$printf("Customer Name:%s\n mobile number:%s\n",name,mob);$

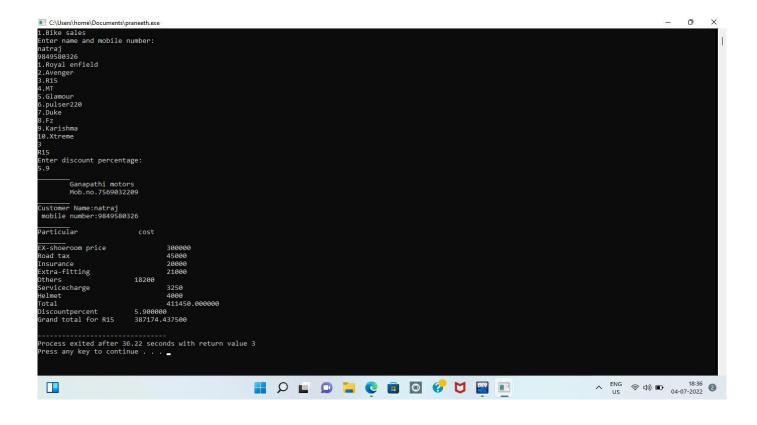
	Printf("\n");	
		printf("Particular\t \t cost\n");
		printf("\n");
•	$fitting \t \t \d \n Others \t \t \t \d \n Servic ech$	printf("EX-shoeroom price\t\t%d\nRoad tax\t\t\t\%d\nInsurance\t\t\t\t%d\nExtra- arge\t\t\t%d\nHelmet\t\t\t\t\%d\nTota\t\t\t\%d\nDiscountpercent\t\t%f\n",ex,rt,in,ef,oth,sc,hel,tot,dis);
•		printf("Grand total for Karishma\t%f\n",gt);
	}	
•	if(n==10)	
•	{	
•		printf("Xtreme\nEnter discount percentage:\n");
•		scanf("%f",&dis);
•		ex=110000;
•		rt=0.35*ex;
•		in=7000;
•		ef=11050;
•		oth=9200;
•		sc=1050;
•		hel=3150;
•		tot=ex+rt+in+ef+oth+sc+hel;
•		dp=dis/100*tot;
•		gt=tot-dp;

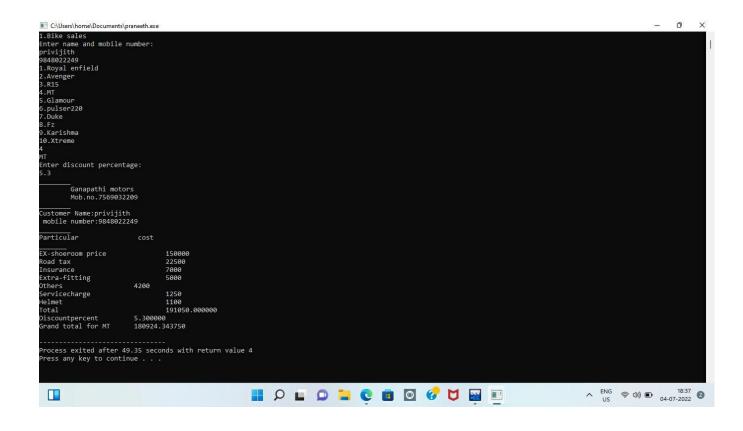
```
Printf("_______\n\tGanapathi motors\n\tMob.no.7569032209\n");
printf("_______\n");
printf("Customer Name:%s\n mobile number:%s\n",name,mob);
printf("______\n");
printf("Particular\t\tcost\n");
printf("______\n");
printf("EX-shoeroom price\t\t%d\nRoad tax\t\t\t%d\nInsurance\t\t\t%d\nExtrafitting\t\t\t%d\nOthers\t\t\t%d\nServicecharge\t\t\t%d\nHelmet\t\t\t\t\d\nT otal\t\t\t\f\nDiscountpercent\t\t\f\n",ex,rt,in,ef,oth,sc,hel,tot,dis);
printf("Grand total for Xtreme\t%f\n",gt);
}
```

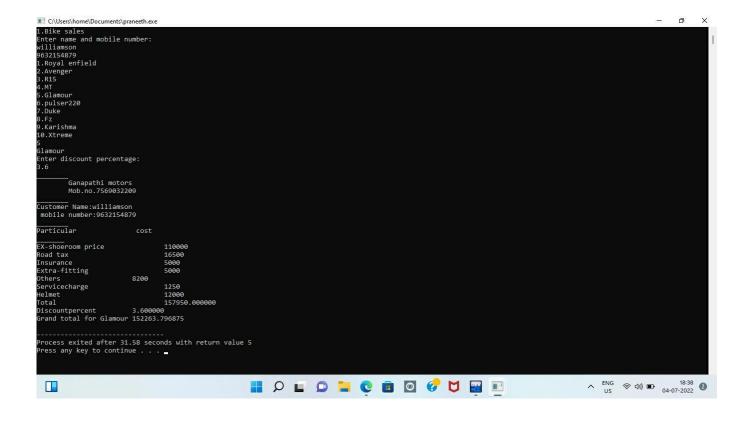
### **OUTPUTS:**

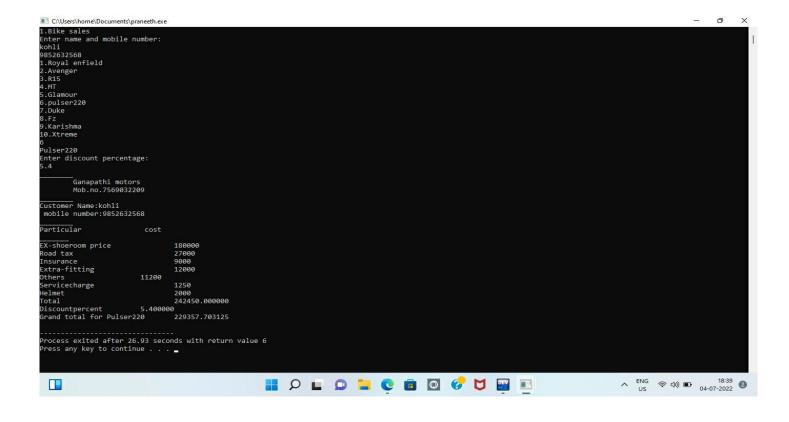


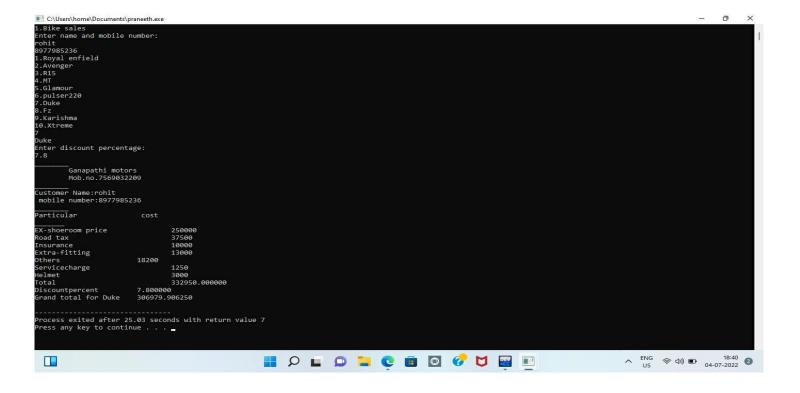


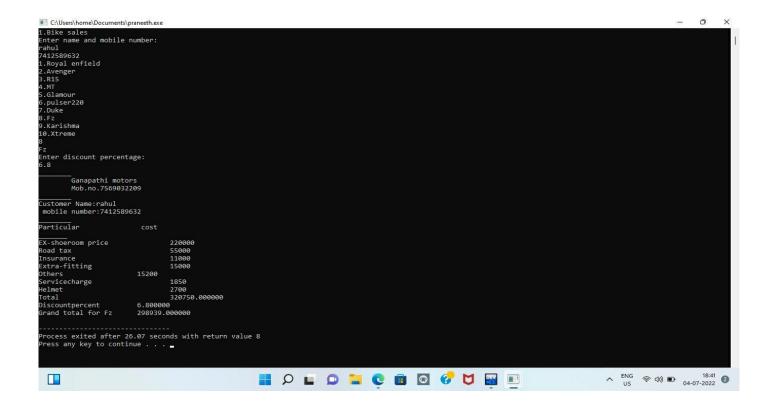


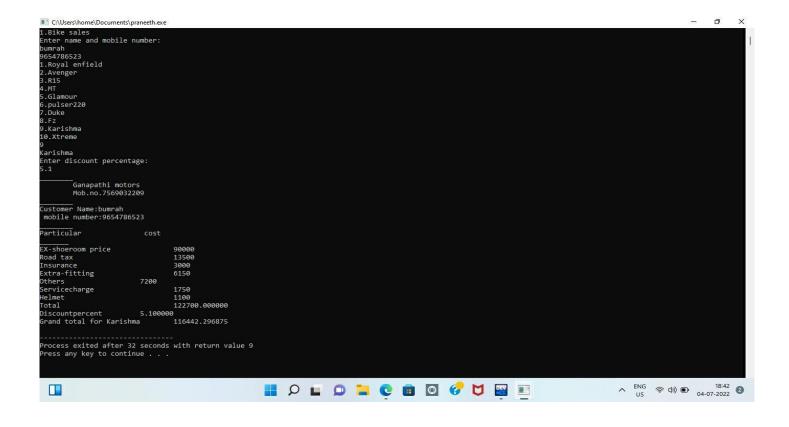












#### **CONCLUSION:**

 Our project helps the customers to understand the Price and

other taxes of vechile and gives the final price of the bike.

- . First it asks to enter the name and phone number .
- . Thenafter it asks to choose a bike.
- . Enter the discount percentage.
- . Then it shows the final price of the book.

## ----- THANK YOU ------